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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/828,927

04/10/2001

Francis Luc Mathilda Arts

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6654

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10/04/2005

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EXAMINER

HO, CHUONG T

ART UNIT

PAPER NUMBER

2664

DATE MAILED: 10/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/828,927

Applicant(s)

ARTS ET AL.

Examiner

CHUONG T. HO

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2664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>2</u> . | 6) <input type="checkbox"/> Other: ____  |

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1. Claims 1-12 are pending.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-12 are rejected under 35 U.S.C. 102(e) as being anticipated by Hino (U.S. Patent No. 6,172,976 B1).

In the claim 1, Hino discloses the present invention relates relates to a telecommunications service control unit within a telecommunications switching network and method of operation of the telecommunications service control unit, and more particularly, to controlling a call processing between a call originating terminal and called terminal including switching operation (see col. 1, lines 7-11); FIG.8, is block diagram shows functional configuration and an operating environment, wherein communication services are implemented across a plurality of service controller (connection control module 701, 702, 703) (see col. 5, lines 9-12); comprising: Connection control module (701, 702, 703) of a switching node in a telecommunications network, said connection control module (701, 702, 703) (see figure 8, col. 24, lines 1-12, lines 41-50) being adapted to communicate to a service control module (222, 223, 224) of switching node characterised in that said connection control module (701, 702,

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703) is further adapted to communicate via a connection control interface (731, 732, 733) to at least one other connection control module (701, 702, 703) of switching node.

3. In the claim 2, Hino discloses connection control module (701, 702, 703) is further adapted to communicate with at least one other service control module (222, 223, 224) of switching node (see col. 25, lines 37-39).

4. In the claim 3, Hino discloses connection control module (701, 702, 703) further includes a service interface handler (262, 263, 264), service interface handler (262, 263, 264) is adapted to receive from service control module (222, 223, 224) a service request message (see col. 25, lines 13-17), to analyze service request message and to perform an action, dependent on the result of the analysis of service request message (see col. 25, lines 15-21).

5. In the claim 4, Hino discloses analysis of service request message indicates that at least one of a predetermined type of physical device drivers (see col. 14, lines 25-40) is needed for establishing a connection pertaining to a call, action consists of generating a physical device interface handler module (262, 263, 264), associated predetermined type of physical device drivers (262, 263, 264), for inclusion in connection control module (701, 702, 703) (see col. 14, lines 25-40, figure 8, col. 24, lines 1-10, lines 45-55).

6. In the claim 5, Hino discloses physical device interface handler module (701, 702, 703) is further adapted to transmit to an associated resource manager module (741), associated resource manager module (RM) being adapted to select from a plurality of physical device driver (see col. 14, lines 25-40) of predetermined type and

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included in or coupled to switching node, and based upon resource request message (see col. 25, lines 15-21), an associated physical device driver (see col. 14, lines 25-40) of plurality.

7. In the claim 6, Hino discloses physical device interface handler (262, 263, 264) is further adapted to active associated physical device driver (see col. 14, lines 25-40), and to confirm operation to service interface handler ((731, 732, 733).

8. In the claim 7, Hino discloses service interface handler (731, 732, 733) is further adapted to confirm operation to service control module (222, 223, 224) (see figure 8, col. 24, lines 1-10, lines 45-55).

9. In the claim 8, Hino discloses in case said result of analysis of service request message indicates that a physical device driver of switching node is to be removed from existing call connection (see col. 14, lines 45-67), action consisting of deleting and existing physical device interface handler module (262, 263, 264) associated to physical device driver (see col. 14, lines 25-40) and included within connection control module (701, 702, 703).

10. In the claim 9, Hino discloses in case of result of analysis of service request message (see col. 25, lines 15-22) indicates that the operation of a physical device driver (see col. 14, lines 25-40) of switching node is to be modified action consists of initiating a state change within an existing physical device interface handler (262, 263, 264) associated to physical device driver (see col. 14, lines 25-40) and included within connection control module (701, 702, 703).

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11. In the claim 10, Hino discloses in case results of analysis of service request message indicates that at least one other connection control module is involved, service interface handler (731, 732, 733) is further adapted to communicate to a service interface handler (262, 263, 264) of at least one other connection control module (701, 702, 703) (see col. 25, lines 15-21).

12. In the claim 11, Hino discloses upon communication with service interface handler (731, 732, 733) of at least one other connection control module (701, 702, 703), service interface handler (731, 732, 733) is further adapted to communicate to a physical device interface handler (262, 263, 264) referred to in service request message and included in connection control module (701, 702, 703).

13. In the claim 12, Hino discloses physical device interface handler (262, 263, 264) referred to in service request message is further adapted to communicate with a second physical device interface handler (264, 262, 263) referred to in service request message and included in at least one other connection control module (701, 702, 703) (see col. 24, lines 1-10, lines 45-55).

### ***Conclusion***


14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHUONG T. HO whose telephone number is (571) 272-3133. The examiner can normally be reached on 8:00 am to 4:00 pm.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

09/30/05



WELLINGTON CHIN  
ASSISTANT PATENT EXAMINER